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PHILIP A. SWAIN, Ph.D.

August 4, 1998

BOX MISSING PARTS

Assistant Commissioner for Patents
Washington, D.C. 20231

Re: U.S. Patent Application Serial No. 09/009,802
Title: *Novel CRSP Protein and Nucleic Acid Molecules and Uses Therefor*
Applicant: Sean A. McCarthy
Filed: January 20, 1998
Group Art Unit: 1634
Attorney Docket No.: MEI-008

Dear Sir:

I enclose herewith for filing in the above-identified application the following:

1. Response to Notice To File Missing Parts of Application (in duplicate);
2. Executed Declaration, Petition and Power of Attorney;
3. Copy of Form PTO-1533;
4. Request for Three-Month Extension of Time (in duplicate);
5. Request for Correction of Filing Receipt;
6. Copy of Filing Receipt;
7. Check for \$4,640.00 (missing parts and surcharge);
8. Check for \$950.00 (three-month extension of time); and
9. an acknowledgment postcard.

Please charge any necessary fees to our Deposit Account No. 12-0080. The undersigned requests any extensions of time necessary to respond. A duplicate of this sheet is enclosed.

I hereby certify that this correspondence is deposited with the United States Postal Service as first class mail in an envelope addressed to: BOX MISSING PARTS, Assistant Commissioner for Patents, Washington, DC 20231 on:

August 4, 1998

Date

Amy E. Mandragouras, Reg. No. 36.207

Respectfully submitted,

LAHIVE & COCKFIELD, LLP

Amy E. Mandragouras
Reg. No. 36.207

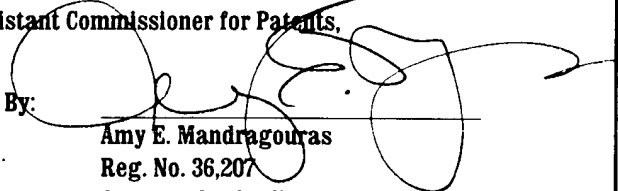
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Sean A. McCarthy
Serial No.: 09/009,802
Filed: January 20, 1998
For: NOVEL CRSP PROTEIN AND NUCLEIC
ACID MOLECULES AND USES THEREFOR
Attorney Docket No.: MEI-008

Group Art Unit: 1634

Examiner: Pending

BOX MISSING PARTS
Assistant Commissioner for Patents
Washington, D.C. 20231

<u>Certificate of First Class Mailing</u>	
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: BOX MISSING PARTS, Assistant Commissioner for Patents, Washington, D.C. 20231 on the date set forth below.	
<u>8/4/98</u> Date of Signature and of Mail Deposit	By:  Amy E. Mandragouras Reg. No. 36,207 Attorney for Applicant

RESPONSE TO NOTICE TO FILE MISSING PARTS OF APPLICATION

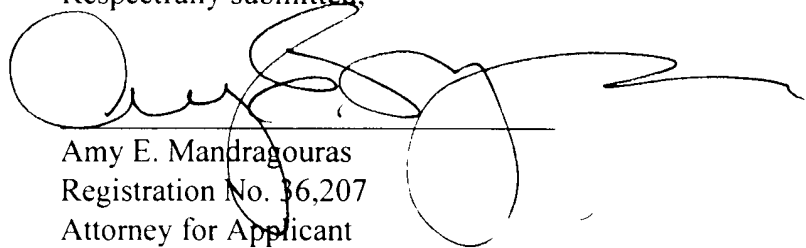
Dear Sir:

Responsive to the Notice to File Missing Parts of Application dated March 4, 1998, Applicant's attorney submits herewith an Executed Declaration, Petition and Power of Attorney for Patent Application for the above-identified patent application. A check in the amount of \$4,640.00 is enclosed to cover the total amount owed by Applicant including \$130.00 surcharge, \$790.00 filing fee, and \$3,720.00 additional claim fee based on large entity status. A copy of Form PTO-1533 is also enclosed. An Extension of Time and a check for the appropriate fee of \$950.00 are being filed concurrently herewith.

The Commissioner is hereby authorized to charge payment of any fees under 37 C.F.R. 1.16 and 1.17 during the pendency of this application or credit any overpayment to Deposit Account No. 12-0080.

Please charge any underpayments or credit any overpayments associated with this communication to our Deposit Account No. 12-0080. A duplicate of this letter is enclosed.

Respectfully submitted,



Amy E. Mandragouras
Registration No. 36,207
Attorney for Applicant

LAHIVE & COCKFIELD, LLP
28 State Street
Boston, MA 02109
Tel. (617) 227-7400

Dated: August 4, 1998

Office No. MEI-008

**THE "RECEIVED" STAMP OF THE PATENT AND TRADEMARK OFFICE
IMPRINTED HEREON ACKNOWLEDGES THE FILING OF:**

Description of Paper* and No.: Transmittal letter (in duplicate); Response to Notice to File Missing Parts of Application (in duplicate); Request for Three-Month Extension of Time (in duplicate); Executed Declaration, Petition and Power of Attorney; Copy of Form PTO-1533; Request for Correction of Filing Receipt; copy of Filing Receipt; Check for \$4,640.00 (missing parts and surcharge); Check for \$950.00 (extension of time), and this acknowledgment postcard.

Title: : NOVEL CRSP PROTEIN AND NUCLEIC ACID MOLECULES AND USES THEREFOR

Name of Applicant(s): Sean A. McCarthy

Intf. or Serial No.: 09/009,802

Atty: Amy E. Mandragouras

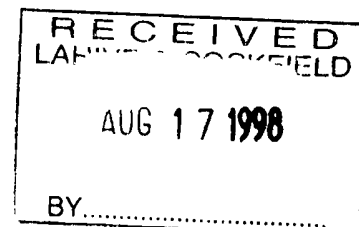
Date: August 4, 1998

*with Certificate of First Class Mailing



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LAHIVE & COCKFIELD, LLP
28 STATE STREET
BOSTON, MA 02109



09/009,802



Office No. MEI-008

**THE "RECEIVED" STAMP OF THE PATENT AND TRADEMARK OFFICE
IMPRINTED HEREON ACKNOWLEDGES THE FILING OF:**

Description of Paper* and No.: Transmittal letter (in duplicate); Response to Notice to File Missing Parts of Application (in duplicate); Request for Three-Month Extension of Time (in duplicate); Executed Declaration, Petition and Power of Attorney; Copy of Form PTO-1533; Request for Correction of Filing Receipt; copy of Filing Receipt; Check for \$4,640.00 (missing parts and surcharge); Check for \$950.00 (extension of time), and this acknowledgment postcard.

Title: : NOVEL CRSP PROTEIN AND NUCLEIC ACID MOLECULES AND USES THEREFOR

Name of Applicant(s): Sean A. McCarthy

Intf. or Serial No.: 09/009,802

Atty: Amy E. Mandragouras

Date: August 4, 1998

*with Certificate of First Class Mailing

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LAHIVE & COCKFIELD, LLP
28 STATE STREET
BOSTON, MA 02109

DOCKETED

MAY 4, 1998 - Missing Parts/
DECLARATION/
OCTOBER 4, 1998 - ESP

SURCHARGE
ASSIGNMENT
CORRECT
FILING RECEIPT



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO./TITLE
09/009,802	01/20/98	MCCARTHY	5 MEI-008

000959
LAHIVE & COCKFIELD
28 STATE STREET
BOSTON MA 02109

0222/0304

NOT ASSIGNED

1634

DATE MAILED:

03/04/98

NOTICE TO FILE MISSING PARTS OF APPLICATION
Filing Date Granted

An Application Number and Filing Date have been assigned to this application. The items indicated below, however, are missing. Applicant is given **TWO MONTHS FROM THE DATE OF THIS NOTICE** within which to file all required items and pay fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a). If any of items 1 or 3 through 5 are indicated as missing, the **SURCHARGE** set forth in 37 CFR 1.16(e) of ☐ \$65.00 for a small entity in compliance with 37 CFR 1.27, or ☒ \$130.00 for a non-small entity, must also be timely submitted in reply to this NOTICE to avoid abandonment.

If all required items on this form are filed within the period set above, the total amount owed by applicant as a ☐ small entity (statement filed) ☐ non-small entity is \$ 4687.

☒ 1. The statutory basic filing fee is:

- ☒ missing.
☐ insufficient.

Applicant must submit \$ 190 to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).

☒ 2. Additional claim fees of \$ 3764, including any multiple dependent claim fees, are required.

\$ 1558 for 22 independent claims over 3.

\$ 1936 for 108 dependent claims over 20.

\$ 270 for multiple dependent claim surcharge.

Applicant must either submit the additional claim fees or cancel additional claims for which fees are due.

☐ 3. The oath or declaration:

- ☐ is missing or unexecuted.
☐ does not cover the newly submitted items.
☐ does not identify the application to which it applies.
☐ does not include the city and state or foreign country of applicant's residence.

An oath or declaration in compliance with 37 CFR 1.63, including residence information and identifying the application by the above Application Number and Filing Date is required.

☐ 4. The signature(s) to the oath or declaration is/are by a person other than inventor or person qualified under 37 CFR 1.42, 1.43 or 1.47.

A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.

☐ 5. The signature of the following joint inventor(s) is missing from the oath or declaration:

An oath or declaration in compliance with 37 CFR 1.63 listing the names of all inventors and signed by the omitted inventor(s), identifying this application by the above Application Number and Filing Date, is required.

☐ 6. A \$50.00 processing fee is required since your check was returned without payment (37 CFR 1.21(m)).

☐ 7. Your filing receipt was mailed in error because your check was returned without payment.

☐ 8. The application does not comply with the Sequence Rules.
See attached "Notice to Comply with Sequence Rules 37 CFR 1.821-1.825."

☐ 9. OTHER:

Direct the reply and any questions about this notice to "Attention: Box Missing Parts."

A copy of this notice **MUST** be returned with the reply.

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 1 - ATTORNEY/APPLICANT COPY

ENTERED

MAR 09 1998

Bdu

FILING RECEIPT
CORRECTED



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTORNEY DOCKET NO.	DRWGS	TOT CL	IND CL
09/009,802	01/20/98	1634	\$5,370.00	MEI-008-1	11	108	22

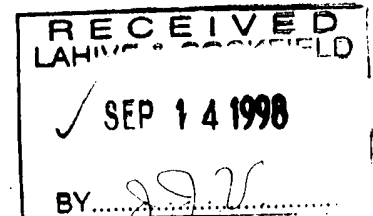
000959
LAHIVE & COCKFIELD
28 STATE STREET
BOSTON MA 02109

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Application Processing Division's Customer Correction Branch within 10 days of receipt. Please provide a copy of the Filing Receipt with the changes noted thereon.

Applicant(s) SEAN MCCARTHY, BOSTON, MA.

CONTINUING DATA AS CLAIMED BY APPLICANT-
THIS APPLN IS A CIP OF 08/842,898 04/17/97
PROVISIONAL APPLICATION NO. 60/071,589 01/15/98

FOREIGN FILING LICENSE GRANTED 03/03/98
TITLE
NOVEL CRSP PROTEIN AND NUCLEIC ACID MOLECULES AND USES THEREFOR
PRELIMINARY CLASS: 435



Notified 10/22/98
Entered

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Sean A. McCarthy

Serial No.: 09/009,802

Filed: January 20, 1998

For: NOVEL CRSP PROTEIN AND NUCLEIC
ACID MOLECULES AND USES THEREFOR

Attorney Docket No.: MEI-008

Group Art Unit: 1634

Examiner: Pending

BOX MISSING PARTS

Assistant Commissioner for Patents

Washington, D.C. 20231

REQUEST FOR CORRECTION OF FILING RECEIPT

Dear Sir:

The Filing Receipt for the above-identified patent application does not list the continuing data as claimed by applicant. The continuing data should be listed as follows: "The present application claims the benefit of prior-filed application U.S. Patent Application Serial No. 08/842,898, entitled "Novel CRSP-1 Compositions and Therapeutic and Diagnostic Uses Therefor", filed April 17, 1997, and of prior-filed provisional application U.S. Patent Application No. 60/071,589, filed January 15, 1998 (Attorney Docket No.: MEI-008-1)." A copy of the Filing Receipt with the changes noted thereon is submitted herewith.

Certificate of First Class Mailing (37 CFR 1.8(a))

I hereby certify that this correspondence is deposited with the United States Postal Service as first class mail in an envelope addressed to: Box Missing Parts, Assistant Commissioner for Patents, Washington, DC 20231 on:

August 4, 1998

Date

Amy E. Mandragouras, Reg. No. 36,207

Respectfully submitted,

Amy E. Mandragouras

Reg. No. 36,207

LAHIVE & COCKFIELD, LLP

28 State Street

Boston, MA 02109

(617) 227-7400

FILING RECEIPT



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTORNEY DOCKET NO.	DRWGS	TOT CL	IND CL
09/009,802	01/20/98	1634	\$0.00	MEI-008	11	108	22

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LAHIVE & COCKFIELD
28 STATE STREET
BOSTON MA 02109

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Application Processing Division's Customer Correction Branch within 10 days of receipt. Please provide a copy of the Filing Receipt with the changes noted thereon.

Applicant(s)

SEAN MCCARTHY, BOSTON, MA.

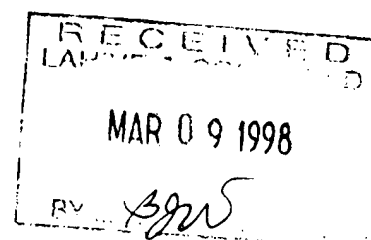
FOREIGN FILING LICENSE GRANTED 03/03/98

TITLE

NOVEL CRSP PROTEIN AND NUCLEIC ACID MOLECULES AND USES THEREFOR

PRELIMINARY CLASS: 435

"The present application claims the benefit of prior-filed application U.S. Patent Application Serial No. 08/842,898, entitled "Novel CRSP-1 Compositions and Therapeutic and Diagnostic Uses Therefor", filed April 17, 1997, and of prior-filed provisional application U.S. Patent Application No. 60/071,589, filed January 15, 1998 (Attorney Docket No.: MEI-008-1)."



025786

LAHIVE & COCKFIELD, LLP

Commissioner of Patents & Trademarks

08/04/98

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1EI-008	08/04/98				4,640.00
					4,640.00

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BOSTON, MA 02109



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MEI-008	08/04/98					950.00
						950.00

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LAHIVE & COCKFIELD, LLP
28 STATE STREET
BOSTON, MA 02109



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IN EXCESS OF \$30,000.00
VOID AFTER 180 DAYS

Commissioner of Patents & Trademarks

Robt M. Riley